



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 29, 2016

Gary Bolinder
Bolinder Resources LLC
125 East Moor Drive
Grantsville, Utah 84029

Subject: Initial Completeness Review of Notice of Intention to Commence Large Mining Operations, Bolinder Resources LLC, Stansbury Island Mine, M/45/0046, Tooele County, Utah

Dear Mr. Bolinder:

As per rule R647-4-101.1.12, the Division of Oil, Gas and Mining has performed a completeness review of the referenced Notice of Intention to Commence Large Mining Operations (NOI) which was received June 2, 2016. The following deficiencies will need to be addressed before a complete technical review of the NOI can be conducted.

Please provide a revised NOI with the deficiencies addressed. The deficiencies are listed under the applicable Minerals Rule heading; please format your NOI in a similar manner. If you have questions or require assistance, you may consult with the permit lead for this project at the number below or by requesting a meeting.

After the NOI is determined technically complete, the Division will ask that you submit a clean copy of the complete and revised NOI which the Division will use to review the NOI for compliance with the rules prior to issuing tentative approval.

Please submit your response to this review by August 26, 2016. The Division will suspend further review of the NOI until receiving your response to this letter. If you have any questions in this regard please contact me at 801-538-5261 or Leslie Heppler, at 801-538-5257. Thank you for your cooperation in completing this permitting action.

Sincerely,

Paul B. Baker
Minerals Program Manager

PBB: lah: eb

Attachment: Deficiency comments

cc: Larry Garahana, BLM SLFO (lgarahana@blm.gov)

P:\GROUPS\MINERALS\WP\M045-Tooele\M0450046-Stansbury\Final\REV1-7387-06132016.doc



Large Mine Completeness List

FIGURES	RULE	COMMENTS
Base / Location Map – include directions from paved road or known landmark	105.1	All figures need to be updated to current standards
Land Ownership Map – Surface Rights	105.1	All figures need to be updated to current standards
Land Ownership Map – Mineral Rights	104.3	All figures need to be updated to current standards
Surface Facilities -	105.2	All figures need to be updated to current standards
Pre Mining - Original Contours Map – appropriate contour interval *	105.1	All figures need to be updated to current standards
During Mining - Mine Plan Map	106	All figures need to be updated to current standards
Post Mining - Reclamation Treatment Map – include road to be left	105.3 110	All figures need to be updated to current standards
Pre Mining / Post Mining Cross sections – include highwalls	105.3 110	All figures need to be updated to current standards
Hydrology – Erosion Control	105.3 106.8 110	All figures need to be updated to current standards
Geology Map and Cross section	106.8	All figures need to be updated to current standards
APPENDIXES		
Baseline Photos	105.4	Found in 1998 NOI, please include in updated NOI
Vegetation Study w/map	106.7	Found in 1998 NOI, please include in updated NOI
Soil Survey w/map & lab analysis	106	Found in 1998 NOI, please include in updated NOI
Other permits – DAQ	109	Needed
Other permits –DWQ	109	Needed
Other permits – County & Local	109	Needed
Other permits –CRS	109	Need to be updated
Other permits –SWPPP	109	Refer text to EA & and include BMP for SWPPP
Other permits – BLM (Plan of Operation and EA)	109	Found in 1998 NOI, please include in updated NOI
Surety Calculations	112	Rec'd and need completed plan before reviewed
To be included in Text – by RULE		
Operator information	104.1	Needed
Land and mineral ownership	104.2	Needed
Claim, lease and/or permit numbers for affected state and federal lands	104.3	Found in 1998 NOI, please include in 2016 NOI
Type of minerals to be mined	106.1	Update needed
Description of operations, including mining and processing, and identification of deleterious materials (both deleterious natural materials generated by mining and processing, and introduced materials such as oils, fuels, chemicals, processing reagents, hazardous building materials, etc.)	106.2	Update needed
Acres Proposed to be disturbed - Must correlate with a map and bonded area.	106.3	Need to update since 1998
Nature and tonnages of ore	106.4	Update needed – table works well
Soils info - include Soil type, volumes salvaged, stockpile locations, how protected, how redistributed (in depth)	106.5 106.6	Found in 1998 NOI, please include in 2016 NOI
Vegetation community description and cover levels with a map of communities	106.7	Update needed
Groundwater data, geologic setting	106.8	Refer text to EA

Impacts to surface and ground water	109.1	Refer text to EA & and include BMP for SWPPP
Impacts to habitat and endangered species	109.2	Found in 1998 NOI, please include in 2016 NOI
Impacts to existing soil and plant resources	109.3	Found in 1998 NOI, please include in 2016 NOI
Slope stability, erosion, AQ, public safety	109.4	Some data found, additional data needed with request for Variance (112)
Mitigation to impacts	109.5	See BLM EA in 1998 NOI
Current & Post Mining land use	110.1	Need to update since 1998
Revegetation plan	110.5	Found seed mix 1998 NOI
Variance – Either Justification is included or text must include “no variances requested”	112	Some data found, additional data needed with request for Variance (112)
Surety		Surety cannot be evaluated until the operation and reclamation plan is needed.